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ANNUAL REPORT

OF

THE FIRE MARSHAL

FOR THE PROVINCE OF

NEW BRUNSWICK

STATISTICS, 1961

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TO HIS HONOUR,
THE HONOURABLE J. LEONARD O'BRIEN, P.C.
Lieutenant-Governor of the Province of New Brunswick.

May it please Your Honour:—

I have the honour to submit herewith the Annual Report of the Fire Marshal, Province of New Brunswick, for the calendar year ended December 31st, 1961.

I have the honour to be,
Sir,

Your obedient servant,

LOUIS J. ROBICHAUD, Q.C.
ATTORNEY-GENERAL.

101-05167/

HON. LOUIS J. ROBICHAUD, Q.C.,

Attorney-General,
Province of New Brunswick,

FREDERICTON, N. B.

Sir:—

Pursuant to Section 5 of the Fire Prevention Act, 1952, I have the honour to submit the Annual Report of the Fire Marshal for the year ending December 31st, 1961.

The recorded Fire Losses in New Brunswick compiled from Adjusted Reports received at this Office during the year are placed at $3,667,612, caused by 2,081 fires, as compared with a loss of $4,766,056, caused by 2,204 in 1960, a decrease of $1,098,444 in the total loss, with a decrease in the number of fires recorded of 123. The report shows a decrease of $766,034 in the Insured Loss and a decrease of $332,410 in the Uninsured Loss, an improvement of interest to every citizen of this Province.

Table No. 1 is as previously shown with the exception of Westfield and Barker's Point which are, effective this year, shown as separate Communities.

Table No. 2 contains an analysis of the number of fires and losses as related to individual causes.

Table No. 3 contains an analysis of the number of fires and losses in the various occupancy classifications.

Table No. 4 contains a summary of losses as they are related to both occupancy classification and cause of fire.

Table No. 6 Population figures shown here are taken from the estimated 1961 Census.—Per Capita Losses are also shown here. It will be noted that the lowest recorded Per Capita Loss was .01, while the highest was $22.47. The Provincial Per Capita Loss for 1961 is $6.27 as compared with $8.45 for 1960, a reduction of $2.18 per Capita.

Table No. 7 shows that the fire waste in this Province for the past ten year period amounted to $35,843,825 with $10,091,147 not being covered by insurance.

Table No. 8 shows that 24 fires with a loss of $20,000.00 or over, caused a total loss of $1,944,799, a decrease of 18 in the number of fires in this group and a loss decrease of $1,223,162 as compared with the 1960 total of $3,167,961. Seven of these fires show individual losses of over $100,000 for a total of $1,310,118. Three of the seven occurred in dual Mercantile Occupancies, one in a Manufacturing Plant, one in a Residential College, one R. C. Church fire and one in a Saw Mill. The largest individual loss suffered in the Province during 1961 occurred in a Laundry and Dry Cleaning Establishment in the City of Moncton, total loss including exposures $339,499.

Table No. 9 This Table lists losses $25.00 and under. Although included as regular fires for accurate record purposes these losses are actually known as "nuisance fires" resulting chiefly from Careless Smoking, the damage being to Household Effects and personal articles such as clothing. Unfortunately, the necessity of recording such losses adds greatly to our number of fires. This year a total 352 fires occurred out of the over-all total of 2,081, although the loss is only $6,733.

Table No. 10 shows 22 recorded fatalities for the year 1961 as compared with 24 for 1960, a decrease of 2. These are distributed as follows — 11 men, 2 women and 9 children. This Table also shows 15 persons injured—7 men, 4 women and 4 children, an increase of 6 over 1960, or a combined total of 37 Fire Casualties for the year 1961 as compared with 33 for 1960, an increase

of 4. The causes are clearly defined and indicate in most cases extreme carelessness and indifference to well advertised and publicized safety practices.

Table No. 2 shows that of the losses from known causes, the highest sustained was Electrical, caused by 264 fires with a loss of $869,031, as compared with 286 fires and a loss of $1,274,246 for the year 1960, this represents a reduction of 22 in the number of fires and $405,215 in the loss from the previous year. —The loss from fires of Unknown Origin comes second highest with 178 fires recorded and a loss of $733,365, a decrease in the number of fires of 1 and a decrease in the property loss over 1960 of $763,620. This was followed by Heating Equipment and Installations caused by 563 fires and a loss of $556,313, which includes Chimneys, Flues, Pipes, etc. Smoking and Smokers Carelessness were responsible for 645 fires, with a loss of $528,759. Children playing with Matches and careless handling of Matches caused 49 fires with a loss of $32,932. Losses from 144 fires caused to Unrodded Buildings by Lightning, caused a loss of $176,542, a fire to 1 Rodded Building caused by Lightning resulted in a loss of $299,646. Under Petroleum Products, Blow Torches and Welding Torches, 11 fires are recorded with a loss of $27,997, while improper handling and storage of Petroleum Products caused 43 fires, the loss amounted to $65,003.

Table No. 3 shows that in Protected areas 962 Dwelling fires caused a loss of $304,052, and Unprotected areas accounted for 670 fires with a loss of $884,684, which includes losses to Farm Dwellings of $109,957. All other types of occupancies with their respective losses are listed in detail in this Table. It is noted that School fires increased by 3 over the total for 1960. The total for 1961 is 17. The total loss for 1961 is shown at $16,557 as compared with $57,406 for 1960, a substantial decrease of $40,849.—In addition, there were two Residential School fires during 1961 with a total loss of $101,664.

FIRE LOSSES GENERALLY

The detailed Statistics contained in this Report indicate that there has been nothing new added to the causes of fires. The element of human carelessness is still very evident. Homes and Dwellings are still the hardest hit. For instance, out of our Provincial Total of 2,081 fires in 1961, 1,632 occurred in homes.

In spite of the very substantial decrease in fires caused by the misuse and abuse of electricity it still remains one of the greatest causes of fire in this Province. With the constant adding to the heavy load already carried by old buildings wired years ago before the advent of appliances and gadgets this can be expected. Inadequate wiring accounts for approximately 85% of all our Electrical fires. Once again we point out the need for a complete study of the situation so that the facilities for safely using electrical energy can progress with the development and making available for use within the Province of additional supplies of Power. We once again strongly recommend that the "Electrical Energy Act of 1931" be proclaimed and that a Provincial Electrical Inspection Service be set up.

Every effort was made during the year to extend Fire Prevention Education in all its form.—Much was accomplished.—Our Film Library and Educational Literature Services were improved and added to. Consideration is now being given to the more extensive use of Television in this very important work. The Fire Prevention Lectures that were started last year at Teachers' College were continued during 1961 with success. This training is already having good results demonstrated by the increased inquiries we receive from young teachers. We look forward to continuing this work with the co-operation of Education authorities.

School Fire Safety and Fire Safety in Hospitals and other institutions continued to receive special attention and results have been excellent with no fires of any consequence occurring in any of our Institutions, including our Private Nursing Homes, Homes for Senior Citizens and Children's Boarding Homes. No injuries or loss of life as a result of fire occurred in any of our Schools or any of our Institutions.—Our Hospital Safety Programme was extended during the year to include special lectures at many of our Hospitals and institutions and the organizing of emergency evacuation programmes. For the first time, we also commenced a series of lectures to Student Nurses at the University of New Brunswick Nurses Training School.

There is a great need for Municipal Governments and their Fire Officials to recognize fire prevention as a most important part of their fire protection services and enter more energetically into this well adopted and approved system of reducing fire waste by fighting fires before they start by removing the cause. Much has been accomplished in this regard in the last few years but much more needs to be and can be accomplished in the years ahead by co-operative efforts on the part of all concerned.

As yet, no real solution has been found to the training problem.—We are exploring all reasonable possibilities. The most desirable at the present time would appear to be the appointment of a Training Officer attached to the Staff of this Office whose duties would be to travel to the smaller and rural Communities for the purpose of training their Departments in the most modern methods of fire protection, using their own equipment. This method would do away with the necessity of these Volunteer Departments sending their personnel to Provincially operated Schools, something which they cannot do at present due to the lack of finances.—It is expected that recommendations on this very important subject will be submitted during 1962.

During the year, a Committee set up by the Honourable Minister of Labour to study and draft Regulations covering the Handling, Storage, Transportation, etc. of Liquefied Petroleum Gas met on several occasions, and I am pleased to report that as a result of co-operation between the various groups forming this committee Provincial Regulations have now been drafted and it is expected that they will be submitted for the consideration and approval of the Lieutenant-Governor-in-Council early in 1962. One of the important items covered by these Regulations is the transportation of dangerous commodities on our highways which are not now adequately covered by regulations.

The N.F.P.A. Fire Prevention Contest was fairly well observed. The Cities of Saint John, Moncton and Edmundston received awards in their population group.—The Towns of Oromocto and Newcastle and the Rural areas of Chipman, Charlo, Hillsborough and Eel River Crossing in their particular groups.—The Town of Oromocto led all Provincial entries in their group and was 3rd in the all-Canadian Municipal Division population class ranking in its population group 5,000-9,000. In addition, they ranked 26th in the Canadian National Ranking from a total of 553 Canadian entries. We consider this an excellent showing and appropriate congratulations in addition to the N.F.P.A. Awards have gone forward.

During the year the usual membership was maintained in various National and International Organizations which are considered important to our work.—The Fire Marshal or members of his staff attended a number of conferences in various parts of Canada where valuable information was obtained.—At the 1961 Conference of the Association of Canadian Fire Marshals' held in Nova Scotia, the Fire Marshal of New Brunswick was elected President of the Association for the year 1961-62.

During the year our activities in Civil Defence were considerably stepped up. We participated in a number of Exercises, including Exercise "Tocsin B".—These efforts are being continued in co-operation with Provincial Civil Defence and EMO Officials and the Canadian Army.

No changes were made in the Fire Marshal's Staff during the year. It still stands at a total of seven, consisting of the Fire Marshal, Senior Deputy Fire Marshal, three Deputy Fire Marshals, and two female employees consisting of one Secretary who is also in charge of Statistical Records and one Clerk Stenographer.

In conclusion, Sir, I wish to express appreciation of the support and co-operation received from all Government Departments, Insurance Companies, Insurance Adjusters, the Royal Canadian Mounted Police and Municipal Police Forces, the Fire Underwriters Investigation Bureau, the N. B. Board of Underwriters and all others with whom we have the pleasure to work. The splendid friendly co-operative relations existing between this Department and all Fire Chiefs and members of their Departments continued throughout the year. One cannot speak too highly of the service rendered by the Volunteer Fire Depart-

ments of this Province who contribute so greatly to the welfare of our Country. To my loyal and efficient Staff I extend my sincere thanks for a job well done. We look back on a year of accomplishment and look forward to a year of still greater effort in all the many and varied duties we perform.

I have the honour to be,

Sir,

Your obedient servant,

E. J. STURGEON,
Fire Marshal.

Fredericton, N. B.
February 27th, 1962.

TABLE No. 1

Showing the number of fires in the Province of New Brunswick, with the estimated amounts of losses suffered and amounts covered by insurance for the year 1961

COUNTY	No. of Fires	Loss	Insurance Loss	Uninsured Loss
ALBERT COUNTY	26	$ 25,390	$ 18,590	$ 6,800
Albert Village				
Alma	2	641	641	
Coverdale	3	45	45	
Hillsboro				
Riverside				
CARLETON COUNTY	58	368,003	190,023	177,980
Bath	3	2,202	1,702	500
Bristol	1	100	100	
Centreville	5	462	462	
Florenceville	2	106	106	
Hartland	7	3,230	3,230	
Woodstock	48	94,416	60,904	33,512
CHARLOTTE COUNTY	28	104,348	65,707	38,641
Milltown	11	4,399	3,509	890
St. Andrews	6	534	534	
St. George	3	2,271	2,271	
St. Stephen	10	5,549	5,549	
GLOUCESTER COUNTY	116	662,376	520,371	142,005
Bathurst	57	15,848	14,029	1,819
Caraquet	3	13,180	9,180	4,000
Grand Anse	1	7,475	2,800	4,675
Shippegan	11	22,434	21,634	800
South Bathurst	12	42,898	23,413	19,485
Tracadie	12	21,008	16,134	4,874
KENT COUNTY	5	107,671	54,671	53,000
Buctouche	4	13,180	7,180	6,000
Harcourt				
Rexton	2	5,086	3,586	1,500
Richibucto	7	12,907	12,907	
St. Louis de Kent	2	288	288	
KINGS COUNTY	28	219,147	128,279	90,868
Apohaqui				
Fair Vale	5	1,138	1,138	
Hampton Station	3	235	235	
Hampton Village				
Havelock				
Norton	2	118	118	
Pamdenec	3	274	274	
Penobsquis	1	631	631	
Quispamsis	1	150	150	
Rothesay	10	973	973	
Sussex	9	649	649	
Westfield	2	27,196	27,196	
MADAWASKA COUNTY	28	18,286	18,085	201
Clair	3	115	115	
Edmundston	69	9,858	9,858	
Riviere Verte				
St. Basile	2	489	489	
St. Leonard	1	26	26	
NORTHUMBERLAND COUNTY	39	72,109	40,159	31,950
Blackville	1	192	192	
Boiestown	1	13,640	10,000	3,640
Chatham	12	5,067	4,900	167
Doaktown	1	45	45	
Douglastown				
Loggieville				
Millerton				
Nelson and Chatham Head	4	385	385	
Newcastle	16	104,749	87,749	17,000
Rogersville				
TOTALS FORWARD	686	$2,011,519	$1,371,212	$ 640,307

TABLE No. 1—(Continued)

Showing the number of fires in the Province of New Brunswick, with the estimated amounts of losses suffered and amounts covered by insurance for the year 1961

COUNTY	No. of Fires	Loss	Insurance Loss	Uninsured Loss
BROUGHT FORWARD	686	$2,011,519	$1,371,212	$ 640,307
QUEENS COUNTY	19	74,389	51,491	22,898
Cambridge-Narrows				
Chipman	12	5,565	4,565	1,000
Gagetown				
Minto	4	19,823	10,674	9,149
RESTIGOUCHE COUNTY	43	74,525	58,044	16,481
Atholville	5	22,366	14,432	7,934
Campbellton	47	36,036	30,124	5,912
Colborne	2	147	147	
Dalhousie	39	13,438	13,438	
Eel River Crossing	4	3,472	2,660	812
Kedgwick	1	92	92	
St. Quentin	6	2,739	2,290	449
SUNBURY COUNTY	26	35,213	25,907	9,306
Fredericton Junction	3	110	110	
Oromocto	19	1,395	1,395	
SAINT JOHN COUNTY	45	37,227	24,367	12,860
East Saint John (Par. Simonds)	29	27,983	26,483	1,500
Lancaster	63	61,842	54,847	6,995
Saint John City	312	113,051	107,548	5,503
St. Martins	1	1,125	1,125	
VICTORIA COUNTY	49	45,663	27,318	18,345
Andover	24	25,599	23,913	1,686
Grand Falls	58	18,688	18,688	
Perth	15	11,774	10,074	1,700
Plaster Rock	12	866	866	
WESTMORLAND COUNTY	22	53,058	36,315	16,743
Dieppe	6	372	372	
Dorchester	7	2,218	2,218	
Lewisville	3	594	594	
Memramcook				
Moncton	139	571,322	489,432	81,890
Petitcodiac	7	2,206	2,206	
Point du Chene	2	37	37	
Port Elgin	2	27,372	14,000	13,372
Sackville	6	4,090	4,090	
Salisbury	1	3,000	1,000	2,000
Shediac	2	1,976	1,976	
St. Anselme				
St. Joseph				
YORK COUNTY	98	193,736	126,002	67,734
Canterbury	1	229	229	
Fredericton	200	109,808	102,855	6,953
Harvey Station	6	576	576	
Marysville	11	11,250	9,250	2,000
McAdam	6	1,758	1,758	
Napadogan				
Nashwaaksis	36	31,987	21,987	10,000
Stanley	1	7,346	846	6,500
Barker's Point	1	30	30	
TOTALS	2,081	$3,667,612	$2,697,583	$ 970,029

TABLE No. 2

Analysis of CAUSES OF FIRES for the Year 1961

Class No.	CAUSE	No. of Fires	Amount of Loss	Insurance Loss	Uninsured Loss
	ELECTRICAL				
1.	Appliances	26	$ 9,163	$ 9,163	
2.	Exposure to Appliance (Clothing)	60	10,567	10,498	69
3.	Batteries and Battery Chargers	1	92	92	
4.	Improper Entrances (Power Surges, etc.)	1	25	25	
5.	Overloaded Circuits, Wiring, etc.	146	841,664	673,101	168,563
6.	Television and Radio	17	1,439	1,399	40
7.	Miscellaneous	13	6,081	6,081	
8.	Lightning (Buildings Rodded)	1	299,646	135,435	164,211
9.	Lightning (Buildings not Rodded)	144	176,542	119,802	56,740
	EXPOSURE				
10.	From Adjacent Buildings	18	146,687	92,870	53,817
11.	From Grass Fires, Bonfires, etc.	13	48,432	16,872	31,560
12.	From Forest Fires	1	81	81	
13.	Miscellaneous				
	EXPLOSIONS				
14.	Fire Crackers, Sparklers, etc.	8	52,405	51,181	1,224
15.	Tar, Pitch, Paint, Varnish	1	71	71	
16.	Dynamite, Gun Powder, etc.				
	HEATING EQUIPMENT AND INSTALLATIONS				
17.	Chimneys, Flues, Pipes, etc.	255	194,954	129,323	65,631
18.	Exposure to (Clothing, etc.)	11	3,745	2,745	1,000
19.	Fire Places	22	7,897	7,897	
20.	Insufficient Insulation	10	2,552	2,552	
21.	Natural and Artificial Gas Stoves	204	252,102	215,620	36,482
22.	Oil Burning Equipment	2	183	183	
23.	Salamanders	32	56,162	47,132	9,030
24.	Stoves, Furnaces, etc. (Solid Fuel)	2	17,652	9,103	8,549
25.	Steam and Hot Water Pipes	20	19,443	17,443	2,000
26.	Sparks on Roofs	5	1,623	1,623	
27.	Miscellaneous				
	INCENDIARISM				
28.	Indictable Offences	7	16,935	16,935	
29.	Mischief (not amounting to arson)	2	4,210	3,710	500
	OVERHEATING AND DISPOSAL				
30.	Ashes, Rubbish, etc.	17	7,748	6,516	1,232
31.	Cooking Utensils	3	120	120	
32.	Friction	2	943	943	
33.	Grease Oil, Wax, etc.	85	28,785	28,030	755
34.	Hot and Molten Metal	19	44,986	27,627	17,359
35.	Spontaneous Ignition				
	PETROLEUM PRODUCTS				
36.	Blow Torches and Welding Torches	11	27,997	27,997	
37.	Cleaning Purposes	1	320	320	
38.	Gas Installations and Piping				
39.	Gasoline Motors	2	150	150	
40.	Gases in Storage or in Transit	1	82	82	
41.	Improper Handling and Storage	7	15,518	9,018	6,500
42.	Lamps, Candles, etc.	13	36,579	22,335	14,244
43.	Lighting fires with				
44.	Paint and Varnish (Overheated)	3	2,483	2,483	
45.	Portable Gasoline and Gas Stoves	1	130	130	
46.	Miscellaneous	15	9,741	9,741	
	SMOKING AND MATCHES				
47.	Children Playing with Matches	29	28,358	24,991	3,367
48.	Careless Handling of Matches	20	4,574	3,574	1,000
49.	Smoking in Bed	22	3,593	3,593	
50.	Other Smokers Carelessness	623	525,166	416,500	108,666
	UNKNOWN				
51.	Intruders	2	4,625	4,625	
52.	Other Unknown	178	733,365	522,301	211,064
53.	**MISCELLANEOUS**	5	21,996	15,570	6,426
	TOTALS	2,081	$3,667,612	$2,697,583	$ 970,029

TABLE No. 3

Classification of PROPERTIES DAMAGED by Fire for the Year 1961

Class No.	CLASS OF PROPERTY	No. of Fires	Amount of Loss	Insurance Loss	Uninsured Loss
	ASSEMBLY (Group A)				
50.	Churches (Protected)	4	67,756	50,756	17,000
51.	Churches (Unprotected)				
52.	Churches Roman Catholic (Protected)				
53.	Churches Roman Catholic (Unprotected)	1	100,000	52,500	47,500
54.	Clubs and Lodge Rooms	8	23,827	21,532	2,295
55.	Community Halls	1	88	88	
56.	Dance Halls				
57.	Rinks and Exhibition Buildings	2	16,872	12,460	4,412
58.	Schools and Colleges (non-resid.)	17	16,557	16,557	
59.	Theatres				
60.	Miscellaneous	1	1,734	1,500	234
	COMMERCIAL (Group C)				
61.	Blacksmith Shops				
62.	Cold Storage and Refrigeration Plants	1	152,389	89,000	63,389
63.	Henneries and Hatcheries	4	45,054	27,989	17,065
64.	Laundries and Dry Cleaning	7	141,743	73,175	68,568
65.	Machine Shops	4	8,439	8,439	
66.	Office and Bank	7	56,767	28,455	28,312
67.	Printing Establishments				
68.	Public Garages and Service Stations	21	99,358	64,262	35,096
69.	Potato Warehouses	5	2,689	2,689	
70.	Restaurants and Dining Halls	10	16,549	15,365	1,184
71.	Stores (Protected)	33	53,708	52,787	921
72.	Store Warehouses (Protected)	7	262,380	256,337	6,043
73.	Stores (Unprotected)	12	199,337	138,867	60,470
74.	Store Warehouses (Unprotected)	2	46,869	42,828	4,041
75.	Miscellaneous	10	22,334	19,202	3,132
	MANUFACTURING (Group C)				
76.	Factories (Protected)	3	84,573	82,917	1,656
77.	Factories (Unprotected)	1	139	139	
78.	Grist Mills, Flour & Feed Mills	1	4,348	4,348	
79.	Paper Mills	4	4,013	4,013	
80.	Pulp Wood and Loose Pulp	2	33,958	33,958	
81.	Saw Mills	7	348,059	155,779	192,280
82.	Woodworking Plants				
83.	Sawn Lumber				
84.	Seafood Packing Establishments	2	211,451	181,951	29,500
85.	Warehouses				
86.	Miscellaneous	9	41,854	41,854	
	INSTITUTIONAL (Group B)				
87.	Homes for Children and Old People				
88.	Hospitals and Sanatoria	1	103	103	
89.	Private Nursing & Convalescent Homes				
90.	Prisons, Gaols and Asylums				
91.	Miscellaneous				
	RESIDENTIAL (Group D)				
92.	Apartment and Rooming Houses	136	128,538	122,904	5,634
93.	Dwellings (Protected)	962	304,052	276,851	27,201
94.	Dwellings (Unprotected)	563	774,727	527,229	247,498
95.	Dwellings — Farm	107	109,957	80,345	29,612
96.	Hotels	10	4,391	4,391	
97.	Hunting Lodges and Camps	5	6,278	5,378	900
98.	Mobile Homes, Trailers, etc.	5	426	426	
99.	Motels	10	800	300	
100.	Residential Colleges, Schools, etc.	2	101,664	85,164	16,500
101.	Summer Cottages, Tourist Camps	35	62,005	43,346	18,659
102.	Miscellaneous	1	33	33	
	ACCESSORY (Group E)				
103.	Barns	44	84,889	57,687	27,202
104.	Detached Buildings and Sheds	3	7,794	3,094	4,700
105.	Private Garages	7	18,541	9,516	9,025
106.	Miscellaneous	1	200	200	
	MECHANICAL (not stored)				
107.	Automotive	2	310	310	
108.	Machinery	1	59	59	
109.	Marine				
	TOTAL	2,081	$3,667,612	$2,697,583	$ 970,029

TABLE No. 4

SUMMARY OF FIRE LOSSES BY MAJOR CAUSES AND OCCUPANCIES IN NEW BRUNSWICK DURING 1961

ITEMS	ORIGINATING CAUSES	ASSEMBLY 50 — 60	COMMERCIAL 61 — 75	GARAGES 68	MANUFACTURING 76 — 86	RESIDENTIAL 87 — 102	MISCELLANEOUS 103 — 109	TOTAL 1961	TOTAL 1960
1-7	Electrical	$ 23,094	$ 109,847	$ 21,945	$215,814	$ 483,696	$ 14,635	$ 869,031	$1,279,639
8-9	Lightning	100,230	439	31	340,823	23,340	11,325	476,188	27,495
10-13	Forest and Grass Fires	2,200	58,767	13,830	20,510	93,189	5,643	194,139	19,623
14-16	Explosions		51,724			752		52,476	
17	Chimneys, Flues, Pipes, etc.	50	15,014	16,249	972	161,575	1,094	194,954	346,899
18-27	Heating Equip. & Instal.	77,547	51,597	14,916	8,767	170,914	18,175	341,916	445,917
26	Sparks on Roofs					21,350		21,350	73,659
28-29	Incendiarism				1,515	17,753		19,268	800
30	Hot Ashes, Coals, Rubbish		3,281		3,587	588	262	7,718	8,039
31-34	Hot Grease, Oil, Metal, etc.	258	10,496		943	18,151		29,848	15,406
35	Spontaneous Ignition		5,700		786	25,590	12,910	44,986	36,323
36-46	Petroleum Products		8,866	7,934	21,987	17,484	150	56,421	128,218
42	Open Lights, Candles, etc.					36,579		36,579	25,692
47-50	Smoking and Matches	20,392	449,552		8,548	75,396	8,127	562,015	340,343
51-52	Unknown	3,063	242,975	24,453	89,555	339,209	39,472	738,727	1,580,851
53	Miscellaneous				14,588	7,408		21,996	437,152
	TOTAL 1961	$226,834	$1,008,258	$ 99,358	$728,395	$1,492,974	$111,793	$3,667,612	
	TOTAL 1960	$217,713	$1,771,953	$408,202	$830,626	$1,384,226	$153,336		$4,766,056

TABLE No. 5

Summary of Fires in New Brunswick, for Years 1959, 1960, 1961

Month	1959				1960				1961			
	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance
January	260	$ 303,097	$ 203,877	$ 99,220	239	$ 427,258	$ 297,558	$ 129,700	196	$ 633,702	$ 419,715	$ 213,987
February	260	338,830	256,849	81,981	179	506,518	358,760	147,758	214	469,359	384,188	85,171
March	237	297,158	214,487	82,671	230	785,781	574,737	211,044	226	368,938	328,136	40,802
April	223	258,027	202,379	55,648	202	213,817	160,053	53,764	158	207,263	140,279	66,984
May	225	500,320	377,758	122,562	182	306,423	213,881	92,542	143	168,626	96,718	71,908
June	153	161,985	117,612	44,373	168	532,815	440,146	92,669	172	442,681	318,276	124,405
July	157	229,695	193,525	36,170	186	338,238	231,960	106,278	189	560,437	325,687	234,750
August	198	585,800	403,217	182,583	156	185,117	127,631	57,486	147	144,554	135,106	9,448
September	149	169,791	128,445	41,346	149	163,419	124,289	39,130	146	69,132	58,056	11,076
October	169	346,744	256,659	90,085	154	519,136	286,606	232,530	135	98,452	73,754	24,698
November	160	141,737	103,203	38,534	181	543,693	438,066	105,627	189	398,410	330,204	68,206
December	247	393,688	335,138	58,550	178	243,841	209,930	33,911	166	106,058	87,464	18,594
	2,438	$3,726,872	$2,793,149	$ 933,723	2,204	$4,766,056	$3,463,617	$1,302,439	2,081	$3,667,612	$2,697,583	$ 970,029

TABLE No. 6

COMPARATIVE LOSSES IN MUNICIPALITIES, 1961

MUNICIPALITY	Estimated Population (1961 Census)	Property Loss 1961	Loss Per Capita 1961	Average Annual Loss Per Capita 1957-61
BATHURST	5,333	$ 15,848	$ 2.97	$12.18
CAMPBELLTON	9,662	36,036	3.73	11.79
CHATHAM	6,823	5,067	.74	2.87
DALHOUSIE	5,787	13,438	2.32	8.98
DIEPPE	3,999	372	.09	.50
EDMUNDSTON	12,488	9,858	.79	1.94
FREDERICTON	19,034	109,808	5.77	1.24
GRAND FALLS	3,913	18,688	4.78	7.75
HARTLAND	998	3,230	3.24	10.53
MARYSVILLE	3,210	11,250	3.50	2.07
MILLTOWN	1,870	4,399	2.35	4.04
MONCTON	42,874	571,322	13.33	10.54
NEWCASTLE	5,179	104,749	20.23	12.60
SAINT JOHN	53,640	113,051	2.11	7.57
ST. ANDREWS	1,511	534	.35	1.02
LANCASTER	13,693	61,842	4.52	3.90
OROMOCTO	11,781	1,395	.12	.....
ROTHESAY	782	973	1.23	8.26
ST. GEORGE	1,125	2,271	2.02	2.52
ST. LEONARD	1,646	26	.01	3.52
ST. STEPHEN	3,260	5,549	1.70	19.06
SACKVILLE	2,899	4,090	1.41	10.15
SHEDIAC	2,119	1,976	.93	11.77
SHIPPEGAN	1,617	22,434	13.87	.....
SUSSEX	3,330	649	.19	10.06
WOODSTOCK	4,201	94,416	22.47	17.78

COMPARATIVE LOSSES

	Estimated Population	Property Loss 1961	Loss Per Capita 1961	Loss 1960
Six N. B. Cities	151,391	$ 901,917	$ 5.96	$1,656,795
Twenty N B. Towns	71,383	311,354	4.35	597,578
Rural	362,239	2,454,341	6.78	2,511,683
Provincial Per Capita Loss	585,013	$3,667,612	$ 6.27	$4,766,056

TABLE No. 7

FIRE LOSSES IN NEW BRUNSWICK FOR TEN YEARS, 1952-1961 Inclusive.

Year	No. Fires	Property Loss	Insurance Loss
1952	1,840	3,320,340	2,313,858
1953	1,983	2,993,167	1,993,033
1954	2,055	2,683,195	1,915,552
1955	2,250	3,127,983	2,226,173
1956	2,232	3,918,448	2,642,121
1957	1,824	4,448,217	3,432,997
1958	2,196	3,191,935	2,274,595
1959	2,438	3,726,872	2,793,149
1960	2,204	4,766,056	3,463,617
1961	2,081	3,667,612	2,697,583
	21,103	$35,843,825	$25,752,678

TABLE No. 8

CHIEF FIRES FOR THE YEAR 1961 — $20,000.00 and Over

DATE	OCCUPANCY	LOCATION	Property Loss	Insured Loss	Presumed Cause
Dec. 30/60	Mercantile Stores, Restaurant, Offices & Apartment	Woodstock, N. B.	$ 66,234	$ 36,738	Electric Wiring
Jan. 8/61	Apartment Building	Moncton, N. B.	25,708	25,708	Defective Wiring
Jan. 11/61	United Church & Church Hall	Newcastle, N. B.	67,013	50,013	Oil Furnace
Jan. 11/61	Fish Processing Plant	Lameque, Miscou Island, Glo. Co.	210,667	181,167	Overload Elec. Circuits
Jan. 13/61	Laundry and Dry Cleaning Establishment	Moncton, N. B.	339,499	268,774	Cigarette
Jan. 16/61	Refrigeration Plant	Near Sussex, N. B.	152,389	89,000	Undetermined
Jan. 25/61	Stores Warehouse	Black's Harbour, Charlotte Co., N. B.	44,419	40,378	Faulty Oil Furnace
Jan. 27/61	Mine Repair Shop, Stock & Equipment	Coal Creek- (Near Chipman, Queens Co.)	21,987	21,987	Spark from Welding Machine
Mar. 18/61	Hennery & Dwelling Cts.	Nasonworth, York Co., N. B.	30,068	15,068	Unknown
Apr. 14/61	Private Dwelling	Quarryville, North'd Co.	22,000	11,000	Candle igniting Kitchen Drapes
May 11/61	Private Dwelling	Smith's Creek, Kings Co., N. B.	24,500	5,500	Grass Fire
May 18/61	Apartment Building	Moncton, N. B.	32,004	32,004	Electrical
June 1/61	Residential College, Auditorium, etc.	Parish of St. Famille, Bathurst, Glo. Co.	101,066	84,566	Short Circuit in Elec. Wiring
June 7/61	General Store	Lameque, Shippegan Island, Glo. Co., N. B.	106,801	69,118	Carleless Smoking
June 16/61	Dwelling & Exposure	Nashwaaksis, York Co., N. B.	28,985	18,985	Unknown
June 29/61	Public Garage	South Bathurst, N B.	21,131	10,000	Electricity (Overload)
June 29/61	Stores Warehouse	Fredericton, N. B.	51,906	50,682	Children Playing with Fire Crackers
July 19/61	Storage Tanks, General Store Stock & Equipment, Dwellings & Contents, Saw Mill and Contents	Millville, N. B.	90,173	53,416	Improper Handling and Storage of Petroleum Products. (Insured's Driver filling tanks and tanks exploded).

TABLE No. 8 (Continued)

CHIEF FIRES FOR THE YEAR 1961 — $20,000.00 and Over

DATE	OCCUPANCY	LOCATION	Property Loss	Insured Loss	Presumed Cause
July 21/61	R. C. Church	St. Ignace, Kent Co., N. B.	100,050	52,550	Lightning (Unrodded Building)
July 24/61	Saw Mill	Juniper, Car. Co., N. B.	299,646	135,435	Lightning (Building Rodded)
Aug. 14/60	Dwelling	Westfield, Kings Co.	27,071	27,071	Unknown
Aug. 15/61	Pulpwood and Loose Pulp	Newcastle, North'd Co.	33,877	33,877	Lightning
Sept. 27/61	Dwelling	Beresford, Glo. Co.	20,875	14,400	Faulty Wiring
Nov. 2/61	Woollen Mill	Moncton, N. B.	76,730	76,730	Unknown
			$1,944,799	$1,404,167	

NOTE: These 24 large fires $20,000 and over accounted for $1,722,813 of our total Provincial loss of $3,667,612.

TABLE No. 9

Number of Petty Losses, Cigarette Scorches, etc., occasioning damage to Furniture, Clothing and Personal Effects of $25.00 or less.

Number Fires	Property Loss	Insurance Loss
352	$6,733.00	$6,733.00

NOTE:—

See reference to this Table in the remarks portion of the opening pages of this Report under heading Table No. 9.

TABLE No. 10

STATEMENT OF FATALITIES, 1961

ORIGINATING CAUSE	Men	Women	Children	Total
Careless Smoking	2			2
Children Playing with Oil Cook Stove			3	3
Smoking in Bed	3	1		4
Overheated Wood Stove	1			1
Overheated Stovepipe			1	1
Careless Handling of Gasoline (Clothing ignited by Gasoline Fumes from Blow Torch)	1			1
Clothing exposed to Kitchen Oil Burning Stove		1	2	3
Using Gasoline to light fire in Wood buring stove	3			3
Oil Floor Furnace			1	1
Burning Paper in a Garbage and Oil Stove (Burning paper fell from the stove setting fire to paper on the floor)	1			1
Oil Space Heater			1	1
Burning Garbage in Yard (Open Fire)			1	1
	11	2	9	22

STATEMENT OF INJURED, 1961

ORIGINATING CAUSE	Men	Women	Children	Total
Careless Handling of Stove Oil (Using Home made Torch to thaw out frozen oil lines)	1			1
Careless Handling of Stove Oil	1			1
Faulty Electrical Wiring		1	1	2
Gasoline fumes ignited by Wood Burning Stove	3			3
Children Playing with Oil Cook Stove		1		1
Smoking in Bed			1	1
Kerosene used to bolster kitchen stove fire		1		1
Gasoline Lantern ignited while being filled	1			1
Careless Handling of Gasoline (out door fire)			1	1
Gasoline used to light fire in Kitchen wood burning stove	1			1
Child Playing with Matches			1	1
Carcless Smoking		1		1
	7	4	4	15

TABLE No. 11

Report of Inspections Made By Fire Marshal's Staff, 1961

COUNTY	Inspections	Re-Inspections	Conditions Remedied	Investigations	F. M. Orders Served	Organization Meetings and Lectures
ALBERT	24	12	8	10	—	3
CHARLOTTE	30	24	16	20	—	3
CARLETON	30	22	14	15	1	—
GLOUCESTER	40	30	30	18	1	2
KENT	29	27	12	7	—	2
KINGS	25	14	14	8	—	3
MADAWASKA	195	100	100	10	—	6
NORTHUMBERLAND	30	30	30	14	2	4
QUEENS	20	10	10	12	1	1
RESTIGOUCHE	40	30	30	24	2	4
SUNBURY	20	12	20	10	—	—
SAINT JOHN	54	40	40	20	3	—
VICTORIA	74	66	60	20	1	10
WESTMORLAND	140	100	90	40	1	—
YORK	57	35	24	19	1	—
	808	552	498	247	13	38

PROSECUTIONS ENTERED DURING YEAR
CRIMINAL CODE

Charged	8
Convicted	6
Dismissed	2
Pending	Nil

FIRE PREVENTION ACT

Charged	Nil
Convicted	Nil

INSPECTION OF PUBLIC BUILDINGS, FIRE PREVENTION EDUCATION ACTIVITIES and LIGHTNING ROD ACT ENFORCEMENT

Hospitals Inspected	30
Plans of Buildings examined	80
Schools Inspected	145
Theatres Inspected	10
Dance Halls Inspected	6
Nursing and Homes for Aged Inspected	44
Boading Homes for Children	189
Hotels Inspected	10
Churches Inspected	4
Fire Prevention Lectures — Schools and Public	40
Number of Film Showings	206
(Classification of Film Showings — Schools — 30	
Hospitals — 30	
Other — 146	
206	
Number of persons in attendance at Lectures, etc.	10,000
Literature Distributed	120,000
Civil Defence Lectures and Meetings	12
Lightning Rod Inspections (1960-61 installations)	160
Miscellaneous Inquiries and Requests	700
Lightning Rod Licenses Issued	10
Fire Extinguisher Salesman Licenses Issued	34
Overdue Hotel License Fees collected	15
Coronors Inquests involving Fire Deaths	2

FIRE PROTECTION INCREASES

Rural Districts Organized	3
New Fire Departments Organized	3
New Pumpers placed in action	8
New Alarm Systems Installed (Public and Private)	20

LIST OF FIRE CHIEFS FOR THE PROVINCE IF NEW BRUNSWICK — 1981

ALBERT	Howard Brewster
ALMA (L.I.D.)	Maurice Martin
ANDOVER (R.A.)	Barrett Jamer
ATHOLVILLE (L.I.D.)	Edmond Duguay
ATHOLVILLE PULP MILL	Francis J. Duguay
BARKERS POINT (L.I.D.)	Alexander G. Sharpe, 233 Greenwood Dr.
BATH (R.A.)	Fred McLaughlin
BATHURST	Liguori F. Doucet
BATHURST POWER & PAPER CO.	E. W. McKnight
BLACKS HARBOUR (R.A.)	Donald McLean
BRISTOL (L.I.D.)	Hugh McIntyre
BUCTOUCHE (L.I.D.)	Joffre G. Richard
CAMBRIDGE NARROWS (L.I.D.)	Talbert Carpenter
CAMPBELLTON	R. G. Ouellette
CAMP GAGETOWN	R. C. Beals
CANTERBURY (L.I.D.)	Clinton Gillespie
CAPE BALD	Leo (Joseph) LeBlanc
CAPE TORMENTINE (L.I.D.)	Buster Cormier
CARAQUET (L.I.D.)	Jean Blanchard
CENTREVILLE (L.I.D.)	Howard Brown
CHARLO (Par Colbourne) - (L.I.D.)	George Goulette
CHATHAM	Joseph Currie
CHIPMAN (R.A.)	Robert Jewett
CLAIR (L.I.D.)	Armand Martin
DALHOUSIE	A. W. Brown
DALHOUSIE PULP MILL	Charlie Galey
DIEPPE	Henry Legere, P. O. Box 767
DOAKTOWN (L.I.D.)	Paul Swim
DORCHESTER	Ernest Card
EAST BATHURST (R.A.)	Milton Carter
EAST FLORENCEVILLE (L.I.D.)	Walter Allison
EAST SAINT JOHN	A. W. C. Robertson, 15 St. Catherine St.
EDMUNDSTON	J. A. Roussel
EEL RIVER CROSSING (L.I.D.)	William Glencross
FREDERICTON	Harold Doherty
FREDERICTON JUNCTION (L.I.D.)	H. D. Ball
GAGETOWN (L.I.D.)	Wendell G. Lacey
GRAND BAY, MARTINON-MORNA	Reginald Kilpatrick, RR No. 2, Lancaster
GRAND FALLS	Clair St. Amand
GREEN RIVER (L.I.D.)	E. V. Martin
GUNNINGSVILLE	Murray Smith, 169 Wendell St.
HAMPTON (L.I.D.)	John Davidson
HAMPTON VILLAGE (L.I.D.)	W.L. Ewing
HARCOURT (L.I.D.)	D. M. McGlinchey
HARTLAND	Wilmot Dickenson
HARVEY STATION	T. K. Craig
HAVELOCK	Donald Hicks
HILLSBOROUGH (R.A.)	Curtis Simpson
KEDGWICK (L.I.D.)	Fernand Rioux
LAKEBURN	
LANCASTER	Arnold Wilson
LOGGIEVILLE (L.I.D.)	Percy J. Lanteigne
LOWER CARAQUET (L.I.D.)	Sandy Ross
MARYSVILLE	Robert Watts
McADAM	Harry Short
MILLTOWN	Joe Frost
MINTO	Louis McTiernan
MONCTON	Murray H. McKie
NASHWAAKSIS (L.I.D.)	Herbert B. Hawkins
NEWCASTLE	Leonard J. Burns
NORTON (L.I.D.)	Russell Alcorn
OROMOCTO	Charles Dodge
PERTH (R.A.)	Harold Howlett
PETITCODIAC (L.I.D.)	Dyson Waterbury
PLASTER ROCK (L.I.D.)	Philip McAskill
PORT ELGIN (I.V.)	Roderick Johnston

LIST OF FIRE CHIEFS FOR THE PROVINCE OF NEW BRUNSWICK, 1961 (Con'd)

REXTON (R.A.)	Conrad LeBlanc
RICHIBUCTO	Frank Mazerolle
ROGERSVILLE	Antoine Richard
ROTHESAY	G. T. Sayre
SACKVILLE	Chester Estabrooks
SAINT JOHN	H. S. Knight
SAINT JOHN IRVING OIL REFINERY LTD.	T. V. Shannon, P. O. Box 1260
ST. ANDREWS	Delbert B. Rigby
ST. ANTHONY (L.I.D.)	Leo Legere
ST. BASILE (L.I.D.)	Ronald Martin
ST. GEORGE	Edwin Jackson
ST. JACQUES	Pius St. Onge
ST. JEAN BAPTISTE DE RESTIGOUCHE	George Roy
ST. JOSEPH (L.I.D.)	Leonard Gionet
ST. LEONARD	John J. Roy
ST. LOUIS DE KENT (L.I.D.)	Edmond Bordage
ST. QUENTIN (L.I.D.)	Tobie Turcotte
ST. STEPHEN	Earl Eastman
SHEDIAC	Fred Cormier
SHIPPEGAN	Ozie Robichaud
SOUTH BATHURST (L.I.D.)	Leo Arsenault
STANLEY	York Morton
SUSSEX	W. H. Scribner
TAYMOUTH (R.A.)	Alvin Dodds
TIDE HEAD (L.I.D.)	Aubrey G. Duncan
TRACADIE (L.I.D.)	Reggie Basque
WESTFIELD (L.I.D.)	G. J. Murphy
WOODSTOCK	M. J. Corbett

FIRE PREVENTION OFFICERS

MONCTON	Carl Doull
WOODSTOCK	Joseph Maxwell
CAMPBELLTON	R. G. Ouellette
FREDERICTON	Roy Co'well
SAINT JOHN	Capt. MacKenzie
DALHOUSIE	A. W. Brown

NOTE —

L.I.D. denotes Local Improvement District.
I.V. denotes Incorporated Village.
R.A. denotes Rural area with organized fire brigade.

FIRE MARSHAL'S OFFICE

P.O. Box 757, Fredericton, N. B.
Telephone GRanite 5-7711, Local 430
E. J. Sturgeon — Fire Marshal
G. R. Elliott — Deputy Fire Marshal

H. J. Fournier, Deputy Fire Marshal,
P.O. Box 514, Bathurst, N. B.
Telephone LIberty 6-4596

F. J. Fournier, Deputy Fire Marshal,
311 St. Francis Street, Edmundston, N. B.
Telephone REpublic 5-5047

L. F. M. Strong, Deputy Fire Marshal,
58 Madison Avenue, Moncton, N. B.
Telephone EVergreen 2-6325